Author Index

Abrahamsson, K.
—— and Klick, S.
Determination of biogenic and anthropogenic volatile halocarbons in sea water by liquid–liquid extraction and capillary gas chromatography 39
Aburatani, R., see Okamoto, Y. 375
Andersson, L. I.
——, O'Shannessy, D. J. and Mosbach, K.
Molecular recognition in synthetic polymers: preparation of chiral stationary phases by molecular imprinting of amino acid amines 167
Applequist, S., see Hudson, M. K. 21
Armstrong, D. W., see Stalcup, A. M. 181
Ausili, A., see Di Muccio, A. 333
Barry, E. F., see Colón, L. A. 159
Berdasco, J. A., see Cutié, S. S. 93
Bergh, J. J.
——, Breytenbach, J. C. and Du Preez, J. L.
High-performance liquid chromatographic analysis of trimethoprim in the presence of its degradation products 392
Betti, A.
——, Lodi, G. and Coppi, S.
Separation and determination of acidic herbicides on a PRP-1 polymeric column 219
Betts, T. J.
Possible value of a liquid crystal stationary phase for the gas chromatographic study of aromatic constituents of essential oils 309
Breytenbach, J. C., see Bergh, J. J. 392
Buzanowski, W. C., see Cutié, S. S. 93
Carr, P. W., see Park, J. H. 107
Ceva, P., see Pietta, P. 397
Chamberlain, W. J.
——, Severson, R. F., Chortyk, O. T. and Sisson, V. E.
Determination of solanesol in tobacco by capillary gas chromatography 55
Chang, S.-C., see Stalcup, A. M. 181
Chortyk, O. T., see Chamberlain, W. J. 55
Colón, L. A.
—— and Barry, E. F.
Evaluation of an alternating current plasma emission detector for high-performance liquid chromatography 159
Coppi, S., see Betti, A. 219
Cutié, S. S.
——, Buzanowski, W. C. and Berdasco, J. A.
Fate of superabsorbents in the environment. Analytical techniques 93
Diamond, A. D.
—— and Hsu, J. T.
Correlation of protein partitioning in aqueous polymer two-phase systems 137
Di Muccio, A.
——, Santilio, A., Dommarco, R., Rizzica, M., Gambetti, L., Ausili, A. and Vergori, F.
Behaviour of 23 persistent organochlorine compounds during sulphuric acid clean-up and a solid-matrix column 333
Dommarco, R., see Di Muccio, A. 333
Dreux, M., see Elfakir, C. 354
Du Preez, J.L., see Bergh, J. J. 392
Dussert, B., see Schnable, J. G. 47
Elfakir, C.
——, Lafosse, M. and Dreux, M.
Optimization of high-performance liquid chromatographic analysis with UV detection: light-scattering detection to establish the coelution of UV- and non-UV-absorbing constituents 354
Ernst, W., see Kattner, G. 327
Fang, J.-N., see Wei, Y.-A. 227
Fau, T., see Hudson, M. K. 21
Fiedler, H.-P.
——, Meiwes, J., Werner, I., Konetschny-Rapp, S. and Jung, G.
Identification of ferrioxamines by high-performance liquid chromatography and diode-array detection 255
Freiser, H., see Muralidharan, S. 370
Fukuyama, T., see Nishi, H. 279
Gambetti, L., see Di Muccio, A. 333
Ganeshraj, S. P., see Govindachari, T. R. 389
Gasa, S., see Saga, Y. 379
Gilpin, R. K.
——, Jaroniec, M. and Martin-Hopkins, M. B.
Use of a gamma energy distribution to model the gas chromatographic temperature dependence of solute retention on aryl-siloxane chemically modified porous carbon 1
Goodall, D. M., see Wu, Z. 209
Govindachari, T. R.
——, Sandhya, G. and Ganeshraj, S. P.
Simple method for the isolation of azadirachtin by preparative high-performance liquid chromatography 389
Graeve, M., see Kattner, G. 327
Grayeski, M. L., see Koziol, T. R. 145
Hashimoto, T., see Kato, Y. 384
——, see Nakamura, K. 367
Hatada, K., see Okamoto, Y. 375

Hayashi, Y.
—— and Matsuda, R.
Information theory of column chromatography on the basis of the information measure FUMI 349
Hertz, C. D., see Schnable, J. G. 47
Hirokawa, T.
——, Hu, J.-Y., Umeda, K., Kimura, G., Ikeda, H., Nishiyama, F. and Kiso, Y.
Preparative isotachophoretic analyser equipped with a dropwise fractionating device 297
Honda, A., see Ukai, S. 338
Honda, M., see Okamoto, Y. 375
Hsu, J. T., see Diamond, A. D. 137
Hu, J.-Y., see Hirokawa, T. 297
Hudson, M. K.
——, Fau, T., Underhill, K. and Applequist, S.
Flame-infrared emission–flame ionization detector for gas chromatography 21
Hupé, M., see Ng, L.-K. 61
Husain, S.
——, Nageswara Sarma, P., Sajjad, S. M., Narsimha, R. and Subrahmanyam, M.
Determination of 2-methylpyrazine and pyrazinamide in reaction mixtures by gas and high-performance liquid chromatography 83
Ikeda, H., see Hirokawa, T. 297
Ikeda, K.
——, Suzuki, S. and Watanabe, Y.
Determination of sunscreen agents in cosmetic products by gas chromatography and gas chromatography–mass spectrometry 321
Inotsume, N., see Okamoto, Y. 375
Jang, M. D., see Park, J. H. 107
Jaroniec, M., see Gilpin, R. K. 1
Jung, G., see Fiedler, H.-P. 255
Kasai, K.-I., see Nakamura, K. 367
Kato, Y., see Nakamura, K. 367
——, Nakatani, S., Kitamura, T., Onaka, A. and Hashimoto, T.
High-performance ion-exchange chromatography of peptides on a pellicular ion exchanger 384
Kattner, G.
——, Graeve, M. and Ernst, W.
Gas–liquid chromatographic method for the determination of marine wax esters according to the degree of unsaturation 327
Kelly, M. T., see Turley, D. J. 263
Khan, M. R.
——, Ong, C. P., Li, S. F. Y and Lee, H. K.
Optimization of the isocratic high-performance liquid chromatographic separation of selected phtalates using the overlapping resolution mapping technique 360
Kiho, T., see Ukai, S. 338
Kim, D. S., see Park, J. H. 107
Kimura, G., see Hirokawa, T. 297
Kiso, Y., see Hirokawa, T. 297
Kitamura, T., see Kato, Y. 384
Klick, S., see Abrahamsson, K. 39
Konetschny-Rapp, S., see Fiedler, H.-P. 255
Kostiainen, R.
—— and Nokelainen, S.
Use of M-series retention index standards in the identification of trichothecenes by electron impact mass spectrometry 31
Koziol, T. R.
—— and Grayeski, M. L.
Investigation of the reversed-phase high-performance liquid chromatographic ligand-exchange retention mechanism on a triamine stationary phase 145
Kraus, R. J.
——, Shinnick, F. L. and Marlett, J. A.
Simultaneous determination of neutral and amino sugars in biological materials 71
Lafosse, M., see Elfakir, C. 354
Lee, H. K., see Khan, M. R. 360
Li, S. F. Y., see Khan, M. R. 360
Light, R. J., see Priest, J. W. 237
Lindström, M.
——, Norin, T. and Roeraade, J.
Gas chromatographic separation of monoterpene hydrocarbon enantiomers on α-cyclodextrin 315
Liu, T.-Y., see Robbat, Jr., A. 117
Lloyd, D. K., see Wu, Z., 209
Lodi, G., see Betti, A. 219
Lou, Z.-C., see Zeng, L. 247
Makita, A., see Saga Y. 379
Malaník, V., see Malníkova, M. 401
Malaníková, M.
——, Malaník, V. and Marek, M.
Use of thin-layer chromatography for the testing of avermectins produced by *Streptomyces avermitilis* strains 401
Manera, E., see Pietta, P. 397
Marek, M., see Malaníkova, M. 401
Marlett, J. A., see Kraus, R. J. 71
Martin-Hopkins, M. B., see Gilpin, R. K. 1
Massey, P. R., see Wu, Z. 209
Matsuda, R., see Hayashi, Y. 349
Matsuo, M., see Nishi, H. 279
Mauri, P., see Pietta, P. 397
Meiwes, J., see Fiedler, H.-P. 255
Meng, T., see Zeng, L. 247
Mosbach, K., see Andersson, L. I. 167
Muccio, A., Di, see Di Muccio, A. 333

Muralidharan, S.
—— and Freiser, H.
Separation of enantiomers using polymeric copper–amine–cellulose columns 370
Nagai, K., see Ukai, S. 338
Nageswara Sarma, P., see Husain, S. 83
Nakamura, K.
——, Hashimoto, T., Kato, Y., Shimura, K. and Kasai, K.-I.
Effect of type and concentration of coupling buffer on coupling yield in the coupling of proteins to a tresyl-activated support for affinity chromatography 367
Nakano, M., see Okamoto, Y. 375
Nakatani, S., see Kato, Y. 384
Narsimha, R., see Husain, S. 83
Ng, L.-K.
—— and Hupé, M.
Gas chromatographic method for the assay of aliphatic and aromatic sulphonates as their *tert.*-butyldimethylsilyl derivatives 61
Nishi, H.
——, Fukuyama, T., Matsuo, M. and Terabe, S.
Separation and determination of lipophilic corticosteroids and benzothiazepin analogues by micellar electrokinetic chromatography using bile salts 279
Nishiyama, F., see Hirokawa, T. 297
Nokelainen, S., see Kostiainen, R. 31
Norin, T., see Lindström, M. 315
Oikawa, K., see Saga, Y. 379
Okamoto, Y.
——, Aburatani, R., Hatada, K., Honda, M., Inotsume, N. and Nakano, M.
Optical resolution of dihydropyridine enantiomers by high-performance liquid chromatography using phenylcarbamates of polysaccharides as a chiral stationary phase 375
Onaka, A., see Kato, Y. 384
Ong, C. P., see Khan, M. R. 360
O'Shannessy, D. J., see Andersson, L. I. 167
Park, J. H.
——, Jang, M. D., Kim, D. S. and Carr, P. W.
Solvatochromic hydrogen bond donor acidity of aqueous binary solvent mixtures for reversed-phase liquid chromatography 107
Pietta, P.
——, Mauri, P., Manera, E. and Ceva, P.
Determination of isoflavones from *Ononis spinosa* L. extracts by high-performance liquid chromatogrpahy with ultraviolet diode-array detection 397
Pitha, J., see Stalcup, A. M. 181
Preez, J. L. Du, see Bergh, J. J. 392
Prewitt, M. L., see Sellers, Jr., T. 271
Priest, J. W.
—— and Light, R. J.
Applications of high-performance liquid chromatography to quantitation of metabolites and enzymes of the patulin pathway from *Penicillium patulum* 237
Řezanka, T.
Identification of very long polyenoic acids as picolinyl esters by Ag^+ ion-exchange high-performance liquid chromatography, reversed-phase high-performance liquid chromatography and gas chromatography–mass spectrometry 344
Rizzi, A. M.
Coupled column chromatography in chiral separations. I. Enantiomeric separation on swollen microcrystalline cellulose triacetate columns after a preseparation on a non-chiral alkylsilica column 195
Rizzica, M., see Di Muccio, A. 333
Robbat, Jr., A.
—— and Liu, T.-Y.
Effect of temperature and organic modifier on the isocratic retention characteristics of nitrated polycyclic aromatic hydrocarbons on a reversed-phase octadecylsilane column 117
Roeraade, J., see Lindström, M. 315
Saga, Y.
——, Gasa, S., Makita, A., Oikawa, K.
Analytical and preparative separation of glucosylceramide and galactosylceramide by borate-impregnated silica gel chromatography 379
Sajjad, S.M., see Husain, S. 83
Sandhya, G., see Govindachari, T. R. 389
Sandy, K. C., see Wu, Z. 209
Santilio, A., see Di Muccio, A. 333
Sarma, P. Nageswara, see Husain, S. 83
Schnable, J. G.
——, Dussert, B., Suffet, I. H. and Hertz, C. D.
Comparison of quarter-hourly on-line dynamic headspace analysis to purge-and-trap analysis of varying volatile organic compounds in drinking water sources 47
Sellers, Jr., T.
—— and Prewitt, M. L.
Applications of gel filtration chromatography for resole phenolic resins using aqueous sodium hydroxide as solvent 271
Severson, R. F., see Chamberlain, W. J. 55
Shimura, K., see Nakamura, K. 367
Shinnick, F. L., see Kraus, R. J. 71
Sisson, V. E., see Chamberlain, W. J. 55
Smyth, M. R., see Turley, D. J. 263

Stalcup, A. M.
——, Chang, S.-C., Armstrong, D. W., Pitha, J. (*S*)-2-Hydroxypropyl-β-cyclodextrin, a new chiral stationary phase for reversed-phase liquid chromatography 181
Subrahmanyam, M., see Husain, S. 83
Suffet, I. H., see Schnable, J. G. 47
Suzuki, S., see Nishi, H. 279
Turley, D. J.
——, Kelly, M. T. and Smyth, M. R. High-performance liquid chromatographic method for the comparison of tanning capacity of tannic acid batches used in the manufacture of pregnancy testing kits 263
Ukai, S.
——, Honda, A., Nagai, K. and Kiho, T. Gas–liquid chromatographic analysis of carboxymethylcellulose and carboxymethylstarch 338
Umeda, K., see Hirokawa, T. 297
Underhill, K., see Hudson, M. K. 21
Vergori, F., see Di Muccio, A. 333
Vetter, W.
—— and Walther, W. Preparation of pyrrolidides from fatty acids via trimethylsilyl esters for gas chromatographic–mass spectrometric analysis 405
Walther, W., see Vetter, W. 405
Wang, Q.-S.
——, Zhu, C.-S. and Yan, B.-W. Computer-assisted optimization of two-factor selectivity in gas chromatography using an advanced simplex method 13
Watanabe, Y., see Ikeda, K. 321
Wei, Y.-A.
—— and Fang, J.-N. Studies on the chromatographic behaviour of some uronic acis and neutral sugars on an amino-bonded phase column 227
Werner, I., see Fiedler, H.-P. 255
Wu, Z.
——, Goodall, D. M., Lloyd, D. K., Massey, P. R. and Sandy, K. C. Determination of enantiomeric purity of paclobutrazol and fluazifop-P-butyl using a diode-laser-based polarimetric high-performance liquid chromatography detector 209
Yan, B.-W., see Wang, Q.-S. 13
Zeng, L.
——, Zhang, R.-Y., Meng, T. and Lou, Z.-C. Determination of nine flavonoids and coumarins in licorice root by high-performance liquid chromatography 247
Zhang, R.-Y., see Zeng, L. 247
Zhu, C.-S., see Wang, Q.-S. 13